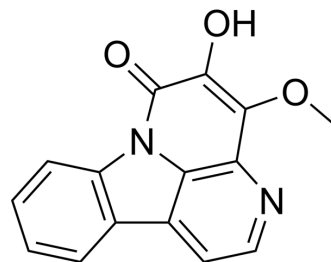


Nigakinone

Cat. No.:	HY-N2128		
CAS No.:	18110-86-6		
Molecular Formula:	C ₁₅ H ₁₀ N ₂ O ₃		
Molecular Weight:	266.25		
Target:	Cyclin G-associated Kinase (GAK)		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 8.33 mg/mL (31.29 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7559 mL	18.7793 mL	37.5587 mL
	5 mM	0.7512 mL	3.7559 mL	7.5117 mL
	10 mM	0.3756 mL	1.8779 mL	3.7559 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Nigakinone is one of the most abundant alkaloids responsible for the major pharmacological activities of Kumu.

REFERENCES

[1]. Wang N, et al. Quality Assessment of Kumu Injection, a Traditional Chinese Medicine Preparation, Using HPLC Combined with Chemometric Methods and Qualitative and Quantitative Analysis of Multiple Alkaloids by Single Marker. *Molecules*. 2018 Apr 9;23(4).

Caution: Product has not been fully validated for medical applications. For research use only.

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